

# SNMPc 6.0, Network Monitoring & Management Software

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## KEY FEATURES

**Secure SNMP v3 support**

**Scalable, distributed architecture**

**Remote console & JAVA access**

**Email/pager event notification**

**Real-time MIB displays**

**MIB expressions (e.g. utilization)**

**Multi-vendor graphical device views**

**Web & printed trend reports**

**Automatic baseline alarms**

**Programming interfaces**

**Runs as Windows service**

Visualize, monitor and pro-actively manage your network. SNMPc is a secure distributed network management system that will monitor your entire network infrastructure. With support for SNMP v3, unparalleled ease of use, and versions for both small and large networks, it is easy to see why over 100,000 copies of SNMPc have been deployed.

## ADVANCED NETWORK MAPPING

SNMPc supports a multi-level hierarchical map. Each hierarchy can represent cities, buildings, or subnetworks. Imported bitmaps of geographic maps or floor plans, along with manual or automatic network placement, lets you create a layout that closely matches the actual network. SNMPc can automatically lay out each map network as a tree, ring, or snaked bus topology. Each map object uses a device specific or user selected icon, and the object color indicates the device status. You can start any device specific application by double clicking map icons.

## SCALABILITY – DISTRIBUTED ARCHITECTURE

SNMPc Enterprise Edition is highly scalable through the use of a distributed architecture. With management support for multiple distributed domains, each server can import the map of one or more remote servers. With support for both local and remote access using the Remote console component, you can run the remote console application from any Windows workstation using a local or remote TCP/IP connection. And with distributed polling, Polling Agents perform discovery of locally attached network devices.

## MONITORING & ALERTS

SNMPc automatically discovers and polls SNMP/ICMP, WEB, FTP, SMTP, and TELNET services, as well as four user-selectable TCP ports. Along with real-time service status, SNMPc Enterprise also provides Web-based Availability Reports. Once Trend Reporting is set up, Polling Agents monitor all report variables for a learning period and calculate a baseline for typical patterns during each hour of a week. Thereafter, the Polling Agents compare the actual polled data to the baseline and generate alarms when variables deviate excessively from the baseline. Polling Agents automatically adjust baselines as traffic patterns change. You can also manually configure alarm thresholds for any polled variable.

## TREND REPORTING

SNMPc Enterprise automatically generates scheduled daily, weekly, and monthly statistic reports. Report formats include graph, bar chart, distribution, and summary, and can be exported to a variety of destinations, including printers, files, or a Web server. SNMPc Enterprise can also export all saved long-term statistics to industry standard ODBC databases. Use familiar tools such as Seagate Crystal Reports or Microsoft Access to generate customized trend reports.



## CONSOLE OPTIONS

Remote console: SNMPc provides local user access in the WorkGroup and Enterprise editions. Additionally, the Enterprise Edition supports remote access over a high-speed connection with the Remote console. You can run the remote console application from any Windows workstation using a local or remote TCP/IP connection. All SNMPc Enterprise functions are available from remote consoles.

JAVA console: The SNMPc Remote Access Extension supports a JAVA based remote console. The JAVA console can be used from any Internet or Intranet connected computer, including Apple, Linux and Windows systems. The SNMPc JAVA console is optimized for low speed WAN lines, making it well suited for use by outsourced Network Service and Help Desk personnel. Basic functionality includes topology map displays, event log views, and real-time MIB table/graph displays. Long-term trend reports can be viewed after selection with a calendar control. Also included is a JAVA proxy Telnet application for configuration of Cisco routers and other devices.

## ABOUT ALLIED TELESYN

Allied Telesyn leads the world in network technologies for the access edge. Since the company's inception in 1987, Allied Telesyn has been developing IP-based network products for use in video, voice and data networks at the metro edge, in education, government agencies and across the enterprise. Allied Telesyn's access, aggregation and core transport technologies range from simple Ethernet adapters, hubs and media converters to robust multi-layer Gigabit Ethernet switches and routers, wireless systems, DTM and WDM transport solutions for delivering real-time voice, video and data. Allied Telesyn's comprehensive support and professional service programs are suited to meet the growing demands of today's switched broadband infrastructures.

## SERVICE & SUPPORT

Allied Telesyn provides value-added support services for its customers under its Net.Cover<sup>SM</sup> programs. For more information on Net.Cover<sup>SM</sup> support programs available in your area, contact your Allied Telesyn sales representative or visit our website.

[www.alliedtelesyn.com](http://www.alliedtelesyn.com)

# MANAGEMENT SOFTWARE

 **Allied Telesyn**

# SNMPc 6.0, Network Monitoring & Management Software

## PRODUCT OVERVIEWS

### SNMPc 6.0 ENTERPRISE

#### SNMPc Enterprise Edition:

Base system for a scalable, multi-user environment. Enterprise Edition includes the SNMPc server license, one remote console license, and one remote poller license. This system can be used simultaneously by two users, one at the server system and another at a remote console system.

#### Enterprise Edition Remote Access Extension:

License-only option for the Enterprise Edition. This option allows an unlimited number of remote console users and remote polling agents. It also provides JAVA console support.

#### Enterprise Edition Extended Software Updates:

The extended software update option is an annual maintenance policy which provides free updates to SNMPc as they are released. It also provides access to the secure areas of the Castle Rock Computing online helpdesk.

### SNMPc 6.0 WORKGROUP

#### SNMPc WorkGroup Edition:

Single user version for managing small to medium sized networks. All components run on a single system and support one user. The map database size is limited to 1000 objects. The WorkGroup Edition does not include advanced reporting functions.

#### Workgroup Edition Extended Software Updates:

The extended software update option is an annual maintenance policy which provides free updates to SNMPc as they are released. It also provides access to the secure areas of the Castle Rock Computing online helpdesk.

## UPGRADE OPTIONS

#### Trade-up to Enterprise:

If you wish to upgrade from a WorkGroup to Enterprise edition, you should purchase the "WorkGroup SNMPc Trade up to Enterprise" license.

**Note:** If you have an existing version 5 license and you wish up upgrade to the same edition of the current version (SNMPc 6.0), you only need to purchase an Extended Software Update policy. There is no trade up available from SNMPc version 4.x to the current version of SNMPc WorkGroup. You must purchase a new license.

Feature	Enterprise	Remote Extension	WorkGroup
SNMP version 3	Yes	N/A	Yes
Device limit	25000	N/A	1000
Scalable	Yes	Yes	No
Operating systems	XP/2000/NT*	XP/2000/NT ME/98	XP/2000/NT ME/98
Remote poller	Yes (1)	Unlimited	No
Remote console	Yes (1)	Unlimited	No
JAVA console	No	Yes	No
Web trend reports	Yes	N/A	No
Printed trend reports	Yes	N/A	No
ODBC export	Yes	N/A	No
Runs as service	Yes	N/A	No

\* The Enterprise Edition will run under Windows ME/98, but we recommend Windows XP/NT/2000.

## FEATURE SPECIFICATIONS

**SNMP Protocols** v1, v2c, v3 with SHA/MDS authentication and DES encryption.

**Device Discovery** Automatically discovers and polls SNMP and ICMP (Ping) devices.

**Service Discovery** Performs service discovery on each device, including SNMP, ICMP, Telnet, FTP, HTTP, SMTP, and four user-specified TCP ports.

**Topology Layout** Multiple level hierarchies. Segmented by polling agent. Tree, ring, or snaked bus networks.

**Event Notification** Ignore, ignore duplicates, forward, e-mail, page, display alarm Box, or Execute Application.

**Reporting** Graph, bar chart, distribution, and summary. Printed and Web export.

**External Interfaces** ODBC and text export. Event forwarding using SNMP Traps.

**Customization** Private MIB import. Custom tables, expressions, and menus. Execute application from map double-click.

**Programming Interfaces** Proprietary object-oriented interface for C/C++ applications. SNMPc v4.0 DDE Interface. WinSNMP de-facto standard interface.

## REQUIREMENTS

Parameter	Enterprise	WorkGroup
CPU	Pentium II 266MHz	Pentium II 266MHz
Memory	128MB	64MB
Disk	500MB	100MB
Server/Poller OS	XP/2000/NT	XP/2000/NT/ME/98
Console OS	XP/2000/NT/ME/98	

## ORDERING INFORMATION

### AT-SNMPCENTV6

Enterprise Edition 6.0

### AT-SNMPCENTEXTSW

Extended S/W upgrade Enterprise

### AT-SNMPCENTV6RAX

Remote access console for Enterprise

### AT-SNMPCWKGPV6

WorkGroup Edition 6.0

### AT-SNMPCWKGPEXTSW

Extended S/W upgrade WorkGroup

### AT-SNMPCENTV6WKGPUPGD

WorkGroup to Enterprise upgrade

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